



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit	:		Customer No. 26794
Examiner	:		
Serial No.	:	10/666,097	
Filed	:	September 19, 2003	
Inventor	:	Hong Gan et al.	
Title	:	AN ADPATIVE WIDEBAND	Docket No.: 18052
	:	DIGITAL AMPLIFIER FOR	Confirmation No.:
	:	LINEARLY MODULATED SIGNAL	
	:	AMPLIFICATION AND TRANSMISSION	Dated: January 9, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Certificate of Mailing Under 37 CFR 1.8

For

Postcard
Information Disclosure Statement
Form PTO-1449 w/copies of non-US publications

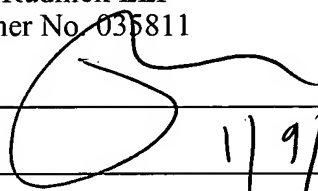
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Name of Applicant, Assignee, Applicant's Attorney
or Registered Representative:

Piper Rudnick LLP
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By: _____

Date: _____


1/9/04



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Serial No.	:	10/666,097	
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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We submit herewith the usual Form PTO-1449 together with copies of the non-US publications listed therein. They are submitted to comply with the Applicants' duty of disclosure under 37 C.F.R. §1.56 and are believed related to this application.

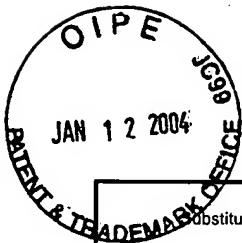
We are submitting this in the spirit of voluntary disclosure and look forward with interest to the Examiner's action at an early date on the merits of the case.

It is accordingly requested that the Information Disclosure Statement be officially entered in the file of this case and that appropriate notification be made that it was considered in the prosecution of the case.

Respectfully submitted,

Paul A. Taufer
Reg. No. 35, 703
Attorney for Applicants

PAT:ers
(215) 656-3300



PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if known

Application Number	10/666,097
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First Named Inventor	Hong Gan
Art Unit	
Examiner Name	
Attorney Docket Number	18052

Sheet	1	of	7
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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,978,422	08-31-1976	Rheinfelder	
		US- 4,580,111	04-01-1986	Swanson	
		US- 4,586,000	04-29-1986	Wagner	
		US- 4,646,359	02-24-1987	Furrer	
		US- 5,056,109	10-08-1991	Gilhausen et al.	
		US- 5,257,283	10-26-1993	Gilhausen et al.	
		US- 5,265,119	11-23-1993	Gilhausen et al.	
		US- 5,267,262	11-30-1993	Wheatley, III	
		US- 5,278,997	01-11-1994	Martin	
		US- 5,311,143	05-10-1994	Soliday	
		US- 5,339,046	08-16-1994	Kornfeld et al.	
		US- 5,396,516	03-07-1995	Padovani et al.	
		US- 5,408,697	04-18-1995	Price et al.	
		US- 5,410,280	04-25-1995	Linguet et al.	
		US- 5,437,055	07-25-1995	Wheatley, III	
		US- 5,442,322	08-15-1995	Kornfeld et al.	
		US- 5,452,473	09-19-1995	Weiland et al.	
		US- 5,485,486	01-16-1996	Gilhausen et al.	
		US- 5,576,662	11-19-1996	Price et al.	
		US- 5,577,265	11-19-1996	Wheatley, III	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†6
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	20	WO 01/10013 A1	02-08-2001	Tropian Inc.		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

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Attorney Docket Number	18052

Sheet

2

of

7

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		Number-Kind Code ² (if known)			
		US- 5,590,408	12-31-1996	Weiland et al.	
		US- 5,642,002	06-24-1997	Mekanik et al.	
		US- 5,655,220	08-05-1997	Weiland et al.	
		US- 5,703,902	12-30-1997	Ziv et al.	
		US- 5,774,017	06-30-1998	Adar	
		US- 5,812,607	09-22-1998	Hutchinson, IV et al.	
		US- 5,818,298	10-06-1998	Dent et al.	
		US- 5,880,633	03-09-1999	Leizerovich et al.	
		US- 5,892,431	04-06-1999	Osterman	
		US- 5,903,554	05-11-1999	Saints	
		US- 5,930,128	07-27-1999	Dent	
		US- 5,939,951	08-17-1999	Bateman et al.	
		US- 5,942,946	08-24-1999	Su et al.	
		US- 5,952,895	09-14-1999	McCune, Jr. et al.	
		US- 6,043,707	03-28-2000	Budnik	
		US- 6,043,712	03-28-2000	Leizerovich et al.	
		US- 6,075,413	06-13-2000	Katakura	
		US- 6,075,974	06-13-2000	Saints et al.	
		US- 6,078,628	06-20-2000	Griffith et al.	
		US- 6,094,101	07-25-2000	Sander et al.	
		US- 6,097,252	08-01-2000	Sigmon et al.	

FOREIGN PATENT DOCUMENTS

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				Examiner Name	
Sheet	3	of	7	Attorney Docket Number	18052

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		Number-Kind Code ² (if known)			
		US- 6,101,224	08-08-2000	Lindoff et al.	
		US- 6,112,071	08-29-2000	McCune, Jr.	
		US- 6,133,788	10-17-2000	Dent	
		US- 6,140,875	10-31-2000	Van Den Homberg et al.	
		US- 6,140,882	10-31-2000	Sander	
		US- 6,147,553	11-14-2000	Kolanek	
		US- 6,157,681	12-05-2000	Daniel et al.	
		US- 6,185,432	02-06-2001	Vembu	
		US- 6,191,653	02-20-2001	Camp, Jr. et al.	
		US- 6,198,347	03-06-2001	Sander et al.	
		US- 6,201,452	03-13-2001	Dent et al.	
		US- 6,215,355	04-10-2001	Meck et al.	
		US- 6,219,394	04-17-2001	Sander	
		US- 6,236,284	05-22-2001	Duello et al.	
		US- 6,242,975	06-05-2001	Eidson et al.	
		US- 6,246,286	06-12-2001	Persson	
		US- 6,255,906	07-03-2001	Eidson et al.	

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Sheet	4	of	7
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		Number-Kind Code ² (if known)			
		US- 6,259,901	07-10-2001	Shinomiya et al.	
		US- 6,259,928	07-10-2001	Vembu	
		US- 6,269,135	07-31-2001	Sander	
		US- 6,285,251	09-04-2001	Dent et al.	
		US- 6,288,916	09-11-2001	Liu et al.	
		US- 6,294,957	09-25-2001	Luu	
		US- 2001/0026579A1	10-04-2001	Mollenkopf et al.	
		US- 6,311,046	10-30-2001	Dent	
		US- 6,317,608	11-13-2001	Glöcker	
		US- 6,321,072	11-20-2001	Cipriani et al.	
		US- 6,323,731	11-27-2001	McCune, Jr.	
		US- 6,330,462	12-11-2001	Chen	
		US- 6,351,650	02-26-2002	Lundby et al.	
		US- 6,356,155	3-12-2002	Judkins	
		US- 6,366,177	04-02-2002	McCune et al.	
		US- 6,369,657	04-09-2002	Dening et al.	
		US- 6,370,109	04-09-2002	Schwartz et al.	
		US- 6,374,085	04-16-2002	Saints et al.	
		US- 6,377,784	04-23-2002	McCune	

FOREIGN PATENT DOCUMENTS

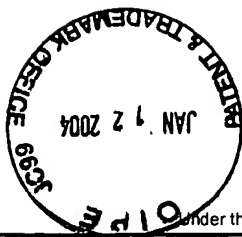
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		US- 6,380,802	04-30-2002	Pehike et al.	
		US- 6,404,823	06-11-2002	Grange et al.	
		US- 6,411,655	06-25-2002	Holden et al.	
		US- 6,421,327	07-16-2002	Lundby et al.	
		US- 6,426,677	07-30-2002	Prentice	
		US- 6,426,678	07-30-2002	Ko	
		US- 6,430,402	08-06-2002	Agahi-Kesheh	
		US- 6,445,247	09-03-2002	Walker	
		US- 6,449,465	09-10-2002	Gailus et al.	
		US- 6,480,472	11-12-2002	Jou et al.	
		US- 6,490,460	12-03-2002	Soliman	
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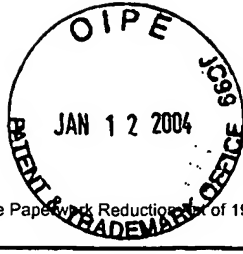
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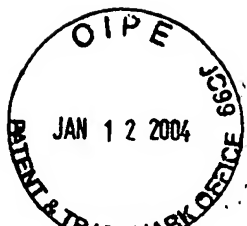
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		Attorney Docket Number	18052

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	τ2
		HULICK, "The Digital Linear Amplifier", Schwenksville, Pennsylvania	
		KOZYREY, "Single-Ended Switching-Mode Tuned Power Amplifier with Filtering Circuit", Poluprovodnikovye pribory v tekhnike svyazi, 1971, pp. 152-166, Vol. 6.	
		TimeStar™, "Multi-Mode Polar Modulator" 2002, Tropian Headquarters, USA	
		SUNDSTROM, "Digital RF Power Amplifier Linearisers", 1995, Sweden.	
		KENINGTON, "Linearised RF Amplifier and Transmitter Techniques", Microwave Engineering Europe, November 1998, pp. 35-	
		MANN, et al., "Increasing Talk-Time with Effecient Linear PAs", Presented at IEE Colloquim on Tetra Market and Technology Developments, February 2000, London.	
		MANN, et al., "Increasing the Talk-Time of Mobile Radios with Effecient Linear Transmitter Architectures", Electronics & Communication Engineering Journal, April 2001, pp. 65-76, Vol. 13, No. 2.	
		HEIMBACH, "Digital Multimode Technology Redefines the Nature of RF Transmission", Applied Microwave & Wireless, August 2001	
		SWANSON, "Digital AM Transmitters", IEEE Transactions on Broadcasting, June 1989, pp. 131-133, Vol. 35, No. 2.	
		TROPIAN-PRODUCTS MAIN, www.tropian.com/products/, Copyright 2000-2001, 8/14/02	

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Sheet	7	of	7	Attorney Docket Number	18052

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Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	12
		"Tropian and Agilent Technologies announce collaboration on multi-band, multi-mode 2.5G transmitter solutions", February 18, 2002, Connes, France.	
		"Tropian Awarded 8 th U.S. Patent for Wireless Technology: Innovative RF Power Processing Circuit Architecture Achieves Speed and Accuracy in Polar Modulation," August 6, 2001, Cupertino, California.	
		Dialog Web Command Mode, Page 1 of 1, 09/17/2002, Record 03929207, Polar Modulators for 1 and 2 GHz Power Amplifier Correction, NISBET, J.	
		Dialog Web Command Mode, Page 1 of 1, 09/17/2002, Record 0326082, A new Class-AB Design, DE JAGER, et al., Electronics World 105, Dec 1999, p. 982-7.	
		Dialog Web Command Mode, Page 1 of 1, 09/17/2002, Record 2371235, Increasing the talk-time of mobile radios with efficient linear transmitter architectures, MANN et al., Electronics & Communication Engineering Journal, v. 13, No. 2, April 2001 (p. 65-76).	
		Dialog Web Command Mode, Page 1 of 3, 09/17/2002, Record 15595216, The big climate amplifier ocean circulation-sea-ice-storminess-dustiness-albedo, BROECKER, Geophysical Monograph, 2001, 126, 53-56, etc.	
		Dialog Web Command Mode, Page 1 of 9, 09/19/2002, Record 10872787, Out-of-band emissions of digital transmissions using Kahn EER technique, RUDOLPH, IEEE Transactions on Microwave Theory & Techniques, 2002, V 50, N 8, Aug, p. 1979-1983, etc.	
		Dialog Web Command Mode, Page 1 of 20, 09/17/2002. Record 01239474, GSM players Eye Edge Despite Transmit Woes, KEENAN, Electronic Engineering Times, 2002, n 1211, pg. 6.	

Examiner Signature		Date Considered	
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